Shape,
Anticipate,
Innovate, and
Lead

JLOTS JIPT Update

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JLOTS GOSC JIPT Taskers

- "Spray Ramp" Technology
  - "Rigid Polyurethane Foam Testing for Mine Neutralization and Vehicle Transportation Performance," United States Army Corps of Engineers, Vicksburg Lab, 28 Apr 99.
    - "Practical Issues"
      - Need dispensing system.
      - Foam temps = (232C/450F): Excess layers led to foam splitting or "potential spontaneous combustion."
      - 15cm layer @ full strength in 1 hour.
      - Uneven depths of foam lead to pooling problems.
      - Weather affects curing.
      - Operators management of "mix."
  - Neither Army nor Navy have pursued past this study.

JLOTS JIPT GOSC Taskers

- New generation ELCAS
  - Requirement for current system?
    - USA, USAF, Navy or USMC
  - Regional Commanders and JS need to quantify need and clearly articulate in CONOPs

JLOTS JIPT GOSC Taskers

- Rapid Port Enhancement
  1. **TSV Compatible Lightweight Modular Causeway System (LMCS)**
  2. Near Shore Breakwater
  3. Expedient Dredging
  4. Rapid Pier Repair

JLOTS GOSC JIPT Taskers

- OPDS

  - PACOM message tables new requirement.
    - USTC/DESC/MSC initiative to meet PACOM goal.

JLOTS GOSC JIPT Taskers

- Sea State mitigation to MCS and INLS

  - Using RIB prototype.
  - N42 will pursue test of RIB near, or attached to, a ship ICW MPF(F) R&D.
  - Army – LMCS in tandem with the TSV

JLOTS GOSC JIPT Taskers

- Interfaces: INLS to RDF, MCS to Causeway Ferry, and TSV to other JLOTS equipment.
  - Review indicates services POR's committed to effective interfaces.
    - INLS program supporting interface ramp.
    - Joint R&D Effort (HSV-X1) testing supported ramp test to/from legacy Navy RRDF.
      - Del Mar Boat Basin.
      - In-stream near Little Creek, VA.
    - Specifics can be discussed during services briefs.

JLOTS JIPT Recommendation

- **JLOTS BOARD JIPT Taskers:**
  - **Close all current taskings.**
- **Combine JLOTS R&D Symposium and JLOTS JIPT**
  - JIPT convenes @ conclusion of R&D Symp
    - **JIPT meets each day, with final two hour executive session at end.**
    - **Conduct where technical and operational experts are available.**
    - **Increase focus on communications between R&D community and operators.**

JLOTS JIPT Discussion

- JLOTS: Strategy for the Future
  - Light & Mobile vs. Heavy & Stationary
  - Capability: bare beach and austere ports
  - Flexible and responsive/Counter anti-access area denial
- Joint Review of Service Roles & Missions
  - Eliminate Service Redundancies
- Impact of potential DoD movement towards Service wide Sea Basing